

## Conservation Stewardship Program

Fiscal Year 2021

Code	Practice	Component	Units	Unit Cost
314	Brush Management	Mechanical Roller Chopper	Ac	\$5.99
314	Brush Management	Mechanical & Chemical, Small Shrubs, Medium Infestation	Ac	\$22.54
314	Brush Management	Chemical - Ground Applied	Ac	\$5.66
314	Brush Management	Mechanical Bush Hog	Ac	\$3.82
314	Brush Management	Mechanical, Hand tools	Ac	\$5.95
315	Herbaceous Weed Treatment	Chemical Invasive	Ac	\$30.88
315	Herbaceous Weed Treatment	Mechanical, Hand	Ac	\$5.54
315	Herbaceous Weed Treatment	Chemical, Ground	Ac	\$3.57
315	Herbaceous Weed Treatment	Mechanical	Ac	\$4.40
315	Herbaceous Weed Treatment	Chemical-Broad Band	Ac	\$4.27
324	Deep Tillage	Deep Tillage less than 20 inches	Ac	\$2.31
324	Deep Tillage	Deep Tillage more than 20 inches	Ac	\$5.87
327	Conservation Cover	Orchard or Vineyard Alleyways	Ac	\$10.96
327	Conservation Cover	Pollinator Species	Ac	\$70.45
327	Conservation Cover	Native Species	Ac	\$20.13
327	Conservation Cover	Monarch Species Mix	Ac	\$88.80
328	Conservation Crop Rotation	Basic Rotation Organic and Non-Organic	Ac	\$1.22
328	Conservation Crop Rotation	Specialty Crops Organic and Non-Organic	Ac	\$3.24
329	Residue and Tillage Management, No Till	No Till Adaptive Management	No	\$308.24
329	Residue and Tillage Management, No Till	No-Till/Strip-Till	Ac	\$2.06
334	Controlled Traffic Farming	Controlled Traffic	Ac	\$5.13
338	Prescribed Burning	Prescribed Burn	Ac	\$3.11
340	Cover Crop	Cover Crop - Multiple Species (Organic and Non-organic)	Ac	\$8.33
340	Cover Crop	Cover Crop - Basic (Organic and Non-organic)	Ac	\$6.79
340	Cover Crop	Cover Crop - 1 acre or less	Ac	\$30.65
342	Critical Area Planting	Native or Introduced Vegetation - Normal Tillage (Organic and Non-Organic)	Ac	\$31.33
342	Critical Area Planting	Native or Introduced Vegetation - Moderate Grading (Organic and Non-Organic)	Ac	\$60.61

Code	Practice	Component	Units	Unit Cost
342	Critical Area Planting	Grass Hydroseeding	Ac	\$130.05
342	Critical Area Planting	Native or Introduced Vegetation - Heavy Grading (Organic and Non-Organic)	Ac	\$93.87
342	Critical Area Planting	Perennial Grass Sod establishment	SqFt	\$0.04
345	Residue and Tillage Management, Reduced Till	Residue and Tillage Management, Reduced Till	Ac	\$1.83
374	Farmstead Energy Improvement	Heating (Building)	kBTU/Hr	\$1.71
374	Farmstead Energy Improvement	Compressor Heat Recovery Unit	kBTU/Hr	\$456.98
374	Farmstead Energy Improvement	Grain Dryer	Bu/Hr	\$16.25
374	Farmstead Energy Improvement	Plate Cooler 750 - 999 gal/hr	No	\$2,523.52
374	Farmstead Energy Improvement	Automatic Controller System	No	\$193.90
374	Farmstead Energy Improvement	Motor Upgrade > 2 and < 40 HP	No	\$108.38
374	Farmstead Energy Improvement	Heating - Radiant Systems	SqFt	\$0.07
374	Farmstead Energy Improvement	Ventilation - Stir Fan	No	\$23.44
374	Farmstead Energy Improvement	Plate Cooler = 499 gal/hr	No	\$522.45
374	Farmstead Energy Improvement	Plate Cooler 500 - 749 gal/hr	No	\$1,383.71
374	Farmstead Energy Improvement	Variable Speed Drive <= 50 HP	HP	\$21.43
374	Farmstead Energy Improvement	Heating - Attic Heat Recovery vents	No	\$19.16
374	Farmstead Energy Improvement	Scroll Compressor	HP	\$57.75
374	Farmstead Energy Improvement	Variable Speed Drive > 50 HP	HP	\$10.05
374	Farmstead Energy Improvement	Motor Upgrade 40 and < 100 HP	No	\$417.09
374	Farmstead Energy Improvement	Motor Upgrade = or > 100 HP	No	\$897.45
374	Farmstead Energy Improvement	Motor Upgrade <= 2 HP	No	\$77.51
380	Windbreak/Shelterbelt Establishment	2-row windbreak, trees, machine planted	Ft	\$0.07
380	Windbreak/Shelterbelt Establishment	1 row windbreak, trees, hand planted	Ft	\$0.03
380	Windbreak/Shelterbelt Establishment	1 row windbreak, shrubs, hand planted	Ft	\$0.06
381	Silvopasture	Commercial Thinning and Establishment of Introduced Grasses	Ac	\$18.72
381	Silvopasture	Tree Establishment	Ac	\$18.37
382	Fence	Barbed/Smooth Wire	Ft	\$0.26
382	Fence	Woven Wire	Ft	\$0.34
382	Fence	Temporary Electric-Polywire	Ft	\$0.09

Code	Practice	Component	Units	Unit Cost
382	Fence	Permanent Electric	Ft	\$0.16
384	Woody Residue Treatment	Restoration/conservation treatment following catastrophic events	Ac	\$75.90
384	Woody Residue Treatment	Chipping and hauling off-site	Ac	\$28.64
386	Field Border	Field Border, Native Species	Ac	\$16.20
386	Field Border	Field Border, Introduced Species	Ac	\$8.62
386	Field Border	Field Border, Pollinator	Ac	\$50.95
390	Riparian Herbaceous Cover	Warm Season Grass with Forbs	Ac	\$55.26
391	Riparian Forest Buffer	Bare-root, machine planted	Ac	\$64.01
391	Riparian Forest Buffer	Large container, hand planted	Ac	\$278.18
391	Riparian Forest Buffer	Bare-root, hand planted	Ac	\$62.27
393	Filter Strip	Filter Strip, Native species	Ac	\$24.02
393	Filter Strip	Filter Strip, Introduced species	Ac	\$16.94
394	Firebreak	Constructed - Light Equipment	Ft	\$0.01
394	Firebreak	Constructed - Dozer	Ft	\$0.03
395	Stream Habitat Improvement and Management	Rock and wood structures	Ac	\$3,131.55
395	Stream Habitat Improvement and Management	Riparian Zone Improvement-Forested	Ac	\$866.84
395	Stream Habitat Improvement and Management	Instream rock placement	Ac	\$1,421.23
395	Stream Habitat Improvement and Management	Fish Barrier	CuYd	\$687.32
395	Stream Habitat Improvement and Management	Instream wood placement	Ac	\$1,806.25
395	Stream Habitat Improvement and Management	Rock Structures	CuYd	\$29.76
396	Aquatic Organism Passage	Concrete Box Culvert	No	\$5,026.93
396	Aquatic Organism Passage	Bottomless Culvert	No	\$4,326.90
396	Aquatic Organism Passage	Earthen Dam Removal	CuYd	\$5.68
396	Aquatic Organism Passage	Low Water Crossing	CuYd	\$56.94
396	Aquatic Organism Passage	Concrete Dam Removal	CuYd	\$13.41
396	Aquatic Organism Passage	Blockage Removal	CuYd	\$8.87
396	Aquatic Organism Passage	Bridge	SqFt	\$19.08
410	Grade Stabilization Structure	Weir Drop Structures	SqFt	\$10.64
410	Grade Stabilization Structure	Rock Drop Structures	SqFt	\$6.60

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410	Grade Stabilization Structure	Embankment, Pipe >= 36 inch	CuYd	\$1.70
410	Grade Stabilization Structure	Embankment, Pipe <12 inch	CuYd	\$0.64
412	Grassed Waterway	Base Waterway	Ac	\$321.28
412	Grassed Waterway	With Checks	Ac	\$417.48
420	Wildlife Habitat Planting	High Species Diversity on Fallow or Non-Cropland, no Foregone Income	Ac	\$52.86
420	Wildlife Habitat Planting	Low Species Diversity on Non-Cropland, no Foregone Income	Ac	\$25.08
420	Wildlife Habitat Planting	Specialized Habitat Requirements on Non-Cropland, no Foregone Income	Ac	\$110.56
422	Hedgerow Planting	Pollinator Habitat	Ft	\$0.14
422	Hedgerow Planting	Wildlife machine plant	Ft	\$0.08
430	Irrigation Pipeline	PVC (Iron Pipe Size)	Lb	\$0.30
441	Irrigation System, Microirrigation	SDI (Subsurface Drip Irrigation) with water testing	Ac	\$249.79
441	Irrigation System, Microirrigation	Surface Micro with Screen Filter	Ac	\$90.67
441	Irrigation System, Microirrigation	Rural Water Connection	No	\$186.01
441	Irrigation System, Microirrigation	Automated Controllers	Ac	\$64.07
441	Irrigation System, Microirrigation	Microirrigation High Tunnel	SqFt	\$0.03
441	Irrigation System, Microirrigation	Microjet	Ac	\$292.53
441	Irrigation System, Microirrigation	Polytube and Emitter replacement for old microjet systems	Ac	\$200.36
441	Irrigation System, Microirrigation	Surface Micro with Sand Media Filter	Ac	\$107.37
442	Sprinkler System	Traveling Gun System	No	\$4,262.75
442	Sprinkler System	VRI_System_Renovation	Ft	\$3.78
442	Sprinkler System	Solid Set System	Ac	\$426.15
442	Sprinkler System	Center Pivot System	Ft	\$6.32
442	Sprinkler System	Retrofit of Existing Sprinkler System	Ft	\$0.66
449	Irrigation Water Management	Intermediate IWM	Ac	\$2.74
449	Irrigation Water Management	Soil Moisture Sensors	No	\$11.89
449	Irrigation Water Management	Variable Rate IWM	Ac	\$4.40
449	Irrigation Water Management	Basic IWM	Ac	\$1.51
449	Irrigation Water Management	Soil Moisture Sensors with Data Recorder	No	\$218.17
449	Irrigation Water Management	Advanced IWM	Ac	\$3.56

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466	Land Smoothing	Regular Shaping	Hr	\$14.89
466	Land Smoothing	Heavy Shaping	Ac	\$104.39
472	Access Control	Bat Cave Exclusion	SqFt	\$6.26
472	Access Control	Monitoring, maintenance, additional labor	Ac	\$2.72
484	Mulching	Wood Chips	Ac	\$231.10
484	Mulching	Tree and Shrub	No	\$0.13
484	Mulching	Erosion Control Blanket	SqFt	\$0.02
484	Mulching	Synthetic Material	Ac	\$87.40
484	Mulching	Natural Material - Full Coverage	Ac	\$29.76
490	Tree/Shrub Site Preparation	Mechanical - Medium	Ac	\$17.55
490	Tree/Shrub Site Preparation	Chemical Application	Ac	\$11.60
490	Tree/Shrub Site Preparation	Mechanical - Light	Ac	\$8.45
490	Tree/Shrub Site Preparation	Chemical - Hand Application	Ac	\$10.74
511	Forage Harvest Management	Perennial Crops - Delayed Mowing	Ac	\$0.63
512	Pasture and Hay Planting	Overseeding Legumes	Ac	\$19.71
512	Pasture and Hay Planting	Endophyte-infected fescue conversion to cool season grass and legume mixture	Ac	\$22.47
512	Pasture and Hay Planting	Remediation - Seed & Seeding-Introduced Perennial Grasses.	Ac	\$10.94
512	Pasture and Hay Planting	Seedbed Prep. Seed & Seeding-Introduced Perennial Grasses.	Ac	\$21.70
512	Pasture and Hay Planting	Grass Establishment-Sprigging	Ac	\$31.04
512	Pasture and Hay Planting	Seedbed Prep. Seed & Seeding-Native Perennial Warm Season Grasses	Ac	\$38.06
516	Livestock Pipeline	PVC (Iron Pipe Size) Linear	Ft	\$0.18
516	Livestock Pipeline	Rural water connection in steep topography with a Reduced Pressure Zone device	No	\$179.91
528	Prescribed Grazing	Intensive	Ac	\$3.75
528	Prescribed Grazing	Standard	Ac	\$1.75
533	Pumping Plant	Internal Combustion-Powered Pump > 50 to 70 HP	BHP	\$65.03
533	Pumping Plant	Electric-Powered Pump < 5 Hp	BHP	\$106.96
533	Pumping Plant	Photovoltaic-Powered Pump	BHP	\$496.45
533	Pumping Plant	Electric-Powered Pump >5 HP<=30 hp	BHP	\$64.10
533	Pumping Plant	Internal Combustion-Powered Pump < 50HP	BHP	\$71.00

Code	Practice	Component	Units	Unit Cost
533	Pumping Plant	Electric-Powered Pump <= 5 HP with Pressure Tank	BHP	\$223.13
533	Pumping Plant	Variable Frequency Drive <= 100 hp	BHP	\$10.40
533	Pumping Plant	Electric-Powered Pump <30 hp <=75	BHP	\$43.58
533	Pumping Plant	Electric-Powered Pump >75	BHP	\$29.30
533	Pumping Plant	Internal Combustion-Powered Pump > 70 HP	BHP	\$64.10
558	Roof Runoff Structure	Roof Gutter with storage tank	Gal	\$0.15
558	Roof Runoff Structure	Concrete Curb	Ft	\$1.36
558	Roof Runoff Structure	Trench Drain	Ft	\$0.96
558	Roof Runoff Structure	Roof Gutter, Small, 6 inches wide and smaller	Ft	\$0.61
561	Heavy Use Area Protection	Concrete with sand or gravel foundation	SqFt	\$0.29
561	Heavy Use Area Protection	Rock/Gravel on Geotextile	SqFt	\$0.13
574	Spring Development	Spring Development	No	\$345.47
578	Stream Crossing	Low water crossing using prefabricated products	SqFt	\$0.71
578	Stream Crossing	Concrete low water crossing	SqFt	\$0.92
578	Stream Crossing	Bridge	SqFt	\$9.03
578	Stream Crossing	Rock armored low water crossing	SqFt	\$0.65
578	Stream Crossing	Culvert installation	InFt	\$0.38
587	Structure for Water Control	Rice Trunk	No	\$2,473.39
587	Structure for Water Control	Commercial Inline Flashboard Riser	DialnFt	\$0.41
590	Nutrient Management	Small Farm NM (Non-Organic/Organic)	No	\$27.08
590	Nutrient Management	Basic NM with Manure and/or Compost (Non-Organic/Organic)	Ac	\$1.73
590	Nutrient Management	Basic NM with Manure Injection or Incorporation	Ac	\$3.26
590	Nutrient Management	Basic NM (Non-Organic/Organic)	Ac	\$0.81
595	Pest Management Conservation System	Pest Management Precision Ag	Ac	\$5.42
612	Tree/Shrub Establishment	Shrub Planting	Ac	\$18.43
612	Tree/Shrub Establishment	Hardwood Hand Planting-bare root-protected	Ac	\$42.46
612	Tree/Shrub Establishment	Hardwood Hand Planting-bare	Ac	\$57.30
612	Tree/Shrub Establishment	Conifer, high density, containerized	Ac	\$33.11
612	Tree/Shrub Establishment	Conifer Bare Root.	Ac	\$30.39

Code	Practice	Component	Units	Unit Cost
612	Tree/Shrub Establishment	Conifer, low density, containerized	Ac	\$28.43
614	Watering Facility	2 Ball or Less - Freeze proof	No	\$115.44
614	Watering Facility	High Velocity Watering Ramp	SqFt	\$0.85
614	Watering Facility	Less than 100 gal	No	\$10.84
614	Watering Facility	Less than 100-200 gal	No	\$31.50
614	Watering Facility	Less than 201-400 gal	No	\$37.70
614	Watering Facility	Greater Than 600 gal	No	\$70.83
614	Watering Facility	4 Ball Freeze proof	No	\$147.52
614	Watering Facility	Low Velocity Watering Ramp	SqFt	\$0.19
614	Watering Facility	Permanent Drinking/Storage 500-1000 gal	Gal	\$0.19
614	Watering Facility	Storage Tank for Solar Systems	Gal	\$0.12
614	Watering Facility	Less than 401-600 gal	No	\$50.87
620	Underground Outlet	Less than or equal to 6in	Ft	\$0.55
620	Underground Outlet	Greater than 18in to 30in	Ft	\$3.23
620	Underground Outlet	Greater than 12in to 18 in	Ft	\$2.05
620	Underground Outlet	greater than 6in to 12in	Ft	\$1.31
643	Restoration of Rare or Declining Natural Communities	Habitat Monitoring and Management, Low Intensity and Complexity	Ac	\$0.33
643	Restoration of Rare or Declining Natural Communities	Rare or Declining Habitat Monitoring and Management, Medium Intensity and Complexity	Ac	\$1.23
644	Wetland Wildlife Habitat Management	Development of Shallow Micro-Topographic Features with Normal Farming Equipment.	Ac	\$3.69
644	Wetland Wildlife Habitat Management	Development of Deep Micro-Topographic Features with Heavy Equipment.	Ac	\$10.88
645	Upland Wildlife Habitat Management	Development of Shallow Micro-Topographic Features with Normal Farming Equipment.	Ac	\$3.69
645	Upland Wildlife Habitat Management	Interseeding Milkweed Into Existing Habitat	Ac	\$16.05
647	Early Successional Habitat Development-Mgt	Disking	Ac	\$3.63
647	Early Successional Habitat Development-Mgt	Mowing	Ac	\$3.80
649	Structures for Wildlife	Nesting Box or Raptor Perch, Large, with Pole	No	\$39.35
649	Structures for Wildlife	Brush Pile - Large	No	\$14.93
649	Structures for Wildlife	Nesting Box, Small no pole	No	\$4.09
649	Structures for Wildlife	Fence Markers, Vinyl Undersill	Ft	\$0.02
649	Structures for Wildlife	Escape Ramp	No	\$7.41

Code	Practice	Component	Units	Unit Cost
649	Structures for Wildlife	Nesting Box, Small, with wood pole	No	\$6.32
649	Structures for Wildlife	Brush Pile - Small	No	\$3.80
649	Structures for Wildlife	Nesting Box, Large	No	\$9.19
655	Forest Trails and Landings	Temporary Wetland Crossing, Sensitive Site	SqFt	\$0.22
655	Forest Trails and Landings	Temporary Stream Crossing	No	\$123.65
655	Forest Trails and Landings	Temporary Stream Crossing, Sensitive Site	No	\$189.90
655	Forest Trails and Landings	Water Bars	No	\$12.61
660	Tree/Shrub Pruning	Pruning-Low Height	Ac	\$15.30
666	Forest Stand Improvement	Creating Patch Clearcuts	Ac	\$43.15
666	Forest Stand Improvement	Pre-commercial thinning -mechanical	Ac	\$9.82
666	Forest Stand Improvement	Tree Marking	Ac	\$11.77
666	Forest Stand Improvement	Pre-commercial Thinning - Hand tools	Ac	\$24.98
B000BFF1	Buffer Bundle#1	Buffer Bundle#1	Ac	\$2,882.94
B000CPL10	YEAR 1 Irrigated Cropland (MRBI/Ogallala)	YEAR 1 Irrigated Cropland (MRBI/Ogallala)	Ac	\$151.62
B000CPL11	YEAR 2+ Irrigated Cropland (MRBI/Ogallala)	YEAR 2+ Irrigated Cropland (MRBI/Ogallala)	Ac	\$64.78
B000CPL12	Non-Irrigated Precision Ag (MRBI)	Non-Irrigated Precision Ag (MRBI)	Ac	\$40.25
B000CPL13	Non-Irrigated Cropland (MRBI)	Non-Irrigated Cropland (MRBI)	Ac	\$50.93
B000CPL14	YEAR 1 Irrigated Precision Ag Cropland (MRBI)	YEAR 1 Irrigated Precision Ag Cropland (MRBI)	Ac	\$137.30
B000CPL15	YEAR 2+ Irrigated Precision Ag Cropland (MRBI)	YEAR 2+ Irrigated Precision Ag Cropland (MRBI)	Ac	\$50.46
B000CPL16	Non-Irrigated Cropland with Water Bodies (MRBI)	Non-Irrigated Cropland with Water Bodies (MRBI)	Ac	\$57.66
B000CPL17	Non-Irrigated Cropland with Water Bodies Riparian Forest Buffer (MRBI)	Non-Irrigated Cropland with Water Bodies Riparian Forest Buffer (MRBI)	Ac	\$94.37
B000CPL18	Crop Bundle #18 - Precision Ag	Crop Bundle #18 - Precision Ag	Ac	\$40.53
B000CPL19	Crop Bundle #19 - Soil Health Precision Ag	Crop Bundle #19 - Soil Health Precision Ag	Ac	\$40.49
B000CPL20	Crop Bundle #20 - Soil Health Assessment	Crop Bundle #20 - Soil Health Assessment	Ac	\$55.39
B000CPL21	Crop Bundle #21 - Crop Bundle (Organic)	Crop Bundle #21 - Crop Bundle (Organic)	Ac	\$72.08
B000CPL22	Crop Bundle #22 - Erosion Bundle (Organic)	Crop Bundle #22 - Erosion Bundle (Organic)	Ac	\$59.05
B000CPL23	Crop Bundle #23 - Pheasant and quail habitat	Crop Bundle #23 - Pheasant and quail habitat	Ac	\$56.43
B000CPL24	Crop Bundle #24 - Cropland Soil Health Management System	Crop Bundle #24- Cropland Soil Health Management System	Ac	\$47.05
B000FST1	Forest Bundle#1	Forest Bundle#1	Ac	\$97.94



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B000GRZ1	Grazing Bundle 1 - Range and Pasture	Grazing Bundle 1 - Range and Pasture	Ac	\$90.75
B000GRZ5	Grazing Bundle 5 - Range and Pasture	Grazing Bundle 5 - Range and Pasture	Ac	\$6.09
B000LLP1	Longleaf Pine Bundle#1	Longleaf Pine Bundle#1	Ac	\$110.54
B000LLP2	Longleaf Pine Bundle#2	Longleaf Pine Bundle#2	Ac	\$106.62
B000LLP3	Longleaf Pine Bundle#3	Longleaf Pine Bundle#3	Ac	\$134.47
B000LLP4	Longleaf Pine Bundle #4	Longleaf Pine Bundle #4	Ac	\$548.73
B000LLP5	Longleaf Pine Bundle #5	Longleaf Pine Bundle #5	Ac	\$596.80
B000PST5	Pasture Bundle 5	Pasture Bundle #5	Ac	\$65.48
E300EAP1	Existing Activity Payment-Land Use	CSP EAP Pasture	Ac	\$3.00
E300EAP1	Existing Activity Payment-Land Use	CSP EAP AAL	Ac	\$0.50
E300EAP1	Existing Activity Payment-Land Use	CSP EAP Cropland and Farmstead	Ac	\$7.50
E300EAP1	Existing Activity Payment-Land Use	CSP EAP NIPF	Ac	\$0.50
E300EAP2	Existing Activity Payment-Resource Concern	CSP EAP RC met at time of enrollment	No	\$300.00
E314A	Brush management to improve wildlife habitat	SU-Brush management to improve wildlife habitat	Ac	\$25.86
E314A	Brush management to improve wildlife habitat	Brush management to improve wildlife habitat	Ac	\$17.24
E315A	Herbaceous weed treatment to create plant communities consistent with the ecological site	SU-Herbaceous weed treatment to create plant communities consistent with the ecological site	Ac	\$20.64
E315A	Herbaceous weed treatment to create plant communities consistent with the ecological site	Herbaceous weed treatment to create plant communities consistent with the ecological site	Ac	\$13.76
E327A	Conservation cover for pollinators and beneficial insects	Conservation cover for pollinators and beneficial insects	Ac	\$149.04
E327B	Establish Monarch butterfly habitat	Establish Monarch butterfly habitat	Ac	\$829.34
E328B	Improved resource conserving crop rotation	SU-Improved resource conserving crop rotation	Ac	\$7.14
E328C	Conservation crop rotation on recently converted CRP grass/legume cover	Conservation crop rotation on recently converted CRP grass/legume cover for water erosion	Ac	\$2.86
E328D	Leave standing grain crops unharvested to benefit wildlife	Leave standing grain crops unharvested to benefit wildlife	Ac	\$2.97
E328E	Soil health crop rotation	Soil health crop rotation	Ac	\$4.76
E328F	Modifications to improve soil health and increase soil organic matter	Modifications to improve soil health and increase soil organic matter	Ac	\$2.11
E328G	Crop rotation on recently converted CRP grass/legume cover for soil organic matter improvement	Crop rotation on recently converted CRP grass/legume cover for soil organic matter improvement	Ac	\$4.76

Code	Practice	Component	Units	Unit Cost
E328I	Forage harvest to reduce water quality impacts by utilization of excess soil nutrients	Forage harvest to reduce water quality impacts by utilization of excess soil nutrients	Ac	\$4.40
E328J	Improved crop rotation to provide benefits to pollinators	Improved crop rotation to provide benefits to pollinators	Ac	\$76.16
E328K	Multiple crop types to benefit wildlife	Multiple crop types to benefit wildlife	Ac	\$4.76
E328L	Leaving tall crop residue for wildlife	Leaving tall crop residue for wildlife	Ac	\$9.52
E328M	Diversify crop rotation with canola or sunflower to provide benefits to pollinators	Diversify crop rotation with canola or sunflower to provide benefits to pollinators	Ac	\$9.52
E329A	No till to reduce soil erosion	No till to reduce soil erosion	Ac	\$2.86
E329B	No till to reduce tillage induced particulate matter	No till to reduce tillage induced particulate matter	Ac	\$2.86
E329C	No till to increase plant-available moisture	No till to increase plant-available moisture	Ac	\$2.86
E329D	No till system to increase soil health and soil organic matter content	No till system to increase soil health and soil organic matter content	Ac	\$3.81
E329E	No till to reduce energy	No till to reduce energy	Ac	\$3.81
E334A	Controlled traffic farming to reduce compaction	Controlled traffic farming to reduce compaction	Ac	\$6.98
E338A	Strategically planned, patch burning for grazing distribution and wildlife habitat	Strategically planned, patch burning for grazing distribution and wildlife habitat	Ac	\$7.02
E338A	Strategically planned, patch burning for grazing distribution and wildlife habitat	SU-Strategically planned, patch burning for grazing distribution and wildlife habitat	Ac	\$10.53
E338B	Short-interval burns to promote a healthy herbaceous plant community	Short-interval burns to promote a healthy herbaceous plant community	Ac	\$81.30
E338C	Sequential patch burning	Sequential patch burning	Ac	\$155.85
E340A	Cover crop to reduce soil erosion	Cover crop to reduce soil erosion	Ac	\$8.56
E340B	Intensive cover cropping to increase soil health and soil organic matter content	Intensive cover cropping to increase soil health and soil organic matter content	Ac	\$14.37
E340C	Use of multi-species cover crops to improve soil health and increase soil organic matter	Use of multi-species cover crops to improve soil health and increase soil organic matter	Ac	\$12.82
E340D	Intensive orchard/vineyard floor cover cropping to increase soil health	Intensive orchard/vineyard floor cover cropping to increase soil health	Ac	\$12.82
E340E	Use of soil health assessment to assist with development of cover crop mix to improve soil health	Use of soil health assessment to assist with development of cover crop mix to improve soil health	Ac	\$3.65
E340F	Cover crop to minimize soil compaction	Cover crop to minimize soil compaction	Ac	\$12.40

Code	Practice	Component	Units	Unit Cost
E340G	Cover crop to reduce water quality degradation by utilizing excess soil nutrients	Cover crop to reduce water quality degradation by utilizing excess soil nutrients	Ac	\$12.40
E340H	Cover crop to suppress excessive weed pressures and break pest cycles	Cover crop to suppress excessive weed pressures and break pest cycles	Ac	\$12.82
E340I	Using cover crops for biological strip till	Using cover crops for biological strip till	Ac	\$14.06
E345A	Reduced tillage to reduce soil erosion	Reduced tillage to reduce soil erosion	Ac	\$3.81
E345B	Reduced tillage to reduce tillage induced particulate matter	Reduced tillage to reduce tillage induced particulate matter	Ac	\$2.86
E345C	Reduced tillage to increase plant-available moisture	Reduced tillage to increase plant-available moisture	Ac	\$2.86
E345D	Reduced tillage to increase soil health and soil organic matter content	Reduced tillage to increase soil health and soil organic matter content	Ac	\$3.81
E345E	Reduced tillage to reduce energy use	Reduced tillage to reduce energy use	Ac	\$2.86
E374A	Install variable frequency drive(s) on pump(s)	Install variable frequency drive(s) on pump(s)	BHP	\$103.95
E374B	Switch fuel source for pump motor(s)	Switch fuel source for pump motor(s)	HP	\$2,897.04
E381A	Silvopasture to improve wildlife habitat	Silvopasture to improve wildlife habitat	Ac	\$74.92
E382A	Incorporating "wildlife friendly" fencing for connectivity of wildlife food resources	Incorporating "wildlife friendly" fencing for connectivity of wildlife food resources	Ft	\$0.16
E382A	Incorporating "wildlife friendly" fencing for connectivity of wildlife food resources	SU-Incorporating "wildlife friendly" fencing for connectivity of wildlife food resources	Ft	\$0.24
E382B	Installing electrical fence offsets and wire for cross-fencing to improve grazing management	SU-Installing electrical fence offsets and wire for cross-fencing to improve grazing management	Ft	\$0.69
E382B	Installing electrical fence offsets and wire for cross-fencing to improve grazing management	Installing electrical fence offsets and wire for cross-fencing to improve grazing management	Ft	\$0.46
E384A	Biochar production from woody residue	Biochar production from woody residue	Ac	\$6,062.07
E386A	Enhanced field borders to reduce soil erosion along the edge(s) of a field	Enhanced field borders to reduce soil erosion along the edge(s) of a field	Ac	\$494.58
E386B	Enhanced field borders to increase carbon storage along the edge(s) of the field	Enhanced field borders to increase carbon storage along the edge(s) of the field	Ac	\$574.11
E386C	Enhanced field borders to decrease particulate emissions along the edge(s) of the field	Enhanced field borders to decrease particulate emissions along the edge(s) of the field	Ac	\$507.76
E386D	Enhanced field borders to increase food for pollinators along the edge(s) of a field	Enhanced field borders to increase food for pollinators along the edge(s) of a field	Ac	\$574.11

Code	Practice	Component	Units	Unit Cost
E386E	Enhanced field borders to increase wildlife food and habitat along the edge(s) of a field	Enhanced field borders to increase wildlife food and habitat along the edge(s) of a field	Ac	\$574.11
E390A	Increase riparian herbaceous cover width for sediment and nutrient reduction	Increase riparian herbaceous cover width for sediment and nutrient reduction	Ac	\$388.00
E390B	Increase riparian herbaceous cover width to enhance wildlife habitat	Increase riparian herbaceous cover width to enhance wildlife habitat	Ac	\$287.22
E391A	Increase riparian forest buffer width for sediment and nutrient reduction	Increase riparian forest buffer width for sediment and nutrient reduction	Ac	\$1,890.85
E391B	Increase stream shading for stream temperature reduction	Increase stream shading for stream temperature reduction	Ac	\$1,913.02
E391C	Increase riparian forest buffer width to enhance wildlife habitat	Increase riparian forest buffer width to enhance wildlife habitat	Ac	\$1,913.02
E393A	Extend existing filter strip to reduce water quality impacts	Extend existing filter strip to reduce water quality impacts	Ac	\$764.51
E412A	Enhance a grassed waterway	Waterway, reshape/extend/widen	Ac	\$3,767.64
E420A	Establish pollinator habitat	Establish Pollinator Habitat	Ac	\$503.12
E420B	Establish monarch butterfly habitat	Establish Monarch Habitat	Ac	\$829.34
E449A	Complete pumping plant evaluation for water savings	Complete pumping plant evaluation for water savings	Ac	\$5.28
E449C	Advanced Automated IWM - Year 2-5, soil moisture monitoring	Advanced Automated IWM - Year 2-5, soil moisture monitoring	Ac	\$18.38
E449D	Advanced Automated IWM - Year 1, Equipment and soil moisture or water level monitoring	Advanced Automated IWM - Year 1, Equipment and soil moisture or water level monitoring	Ac	\$50.98
E449F	Intermediate IWM - Year 1, Equipment with Soil or Water Level monitoring	Intermediate IWM - Year 1, Equipment with Soil moisture or Water Level monitoring	Ac	\$41.78
E449G	Intermediate IWM - Years 2-5, Soil or Water Level monitoring	Intermediate IWM - Years 2-5, Soil Moisture or Water Level monitoring	Ac	\$8.17
E449H	Intermediate IWM - Years 2 -5, using soil moisture or water level monitoring	Intermediate IWM - Years 2 - 5, using soil moisture or water level monitoring	Ac	\$40.50
E449I	Sprinkler Irrigation Equipment Retrofit	IWM - Year 1, Retrofit Equipment with Speed Control on Sprinkler Irrigation	No	\$1,389.11
E472A	Manage livestock access to waterbodies to reduce nutrients or pathogens to surface water	SU-Manage livestock access to waterbodies to reduce nutrients or pathogens to surface water	Ft	\$3.35
E472A	Manage livestock access to waterbodies to reduce nutrients or pathogens to surface water	Manage livestock access to waterbodies to reduce nutrients or pathogens to surface water	Ft	\$2.23
E484A	Mulching to improve soil health	Mulching to improve soil health	Ac	\$1.90

Code	Practice	Component	Units	Unit Cost
E484B	Reduce particulate matter emissions by using orchard or vineyard generated woody materials as mulch	Reduce particulate matter emissions by using orchard or vineyard generated woody materials as mulch	Ac	\$13.95
E484C	Mulching with natural materials in specialty crops for weed control	Mulching with natural materials in specialty crops for weed control	Ac	\$36.96
E511A	Harvest of crops (hay or small grains) using measures that allow desired species to flush or escape	Harvest of crops (hay or small grains) using measures that allow desired species to flush or escape	Ac	\$3.23
E511B	Forage harvest management that helps maintain wildlife habitat cover, shelter or continuity	Forage harvest management that helps maintain wildlife habitat cover, shelter or continuity	Ac	\$5.20
E511B	Forage harvest management that helps maintain wildlife habitat cover, shelter or continuity	SU-Forage harvest management that helps maintain wildlife habitat cover, shelter or continuity	Ac	\$7.80
E511C	Forage testing for improved harvesting methods and hay quality	Hay quality record keeping for livestock producers	No	\$117.62
E512A	Cropland conversion to grass-based agriculture to reduce soil erosion	Cropland conversion to grass-based agriculture to reduce soil erosion	Ac	\$6.96
E512B	Forage and biomass planting to reduce soil erosion or increase organic matter to build soil health	Forage and biomass planting to reduce soil erosion or increase organic matter to build soil health	Ac	\$23.08
E512C	Cropland conversion to grass for soil organic matter improvement	Cropland conversion to grass for soil organic matter improvement	Ac	\$10.40
E512D	Forage plantings that help increase organic matter in depleted soils	Forage plantings that help increase organic matter in depleted soils	Ac	\$11.76
E512E	Forage and biomass planting that produces feedstock for biofuels or energy production.	Forage and biomass planting that produces feedstock for biofuels or energy production.	Ac	\$57.57
E512F	Establishing native grass or legumes in forage base to improve the plant community	Establishing native grass or legumes in forage base to improve the plant community	Ac	\$19.05
E512G	Native grasses or legumes in forage base	Native grasses or legumes in forage base	Ac	\$28.64
E512H	Forage plantings that enhance bird habitat cover and shelter or structure and composition	Forage plantings that enhance bird habitat cover and shelter or structure and composition	Ac	\$26.51
E512I	Establish pollinator and/or beneficial insect and/or monarch habitat	Establish pollinator and/or beneficial insect and/or monarch habitat	Ac	\$27.75
E512J	Establish wildlife corridors to provide habitat continuity or access to water	Establish wildlife corridors to provide habitat continuity or access to water	Ac	\$16.74
E528A	Maintaining quantity and quality of forage for animal health and productivity	Maintaining quantity and quality of forage for animal health and productivity	Ac	\$3.66

Code	Practice	Component	Units	Unit Cost
E528D	Grazing management for improving quantity and quality of food or cover and shelter for wildlife	Grazing management for improving quantity and quality of food or cover and shelter for wildlife	Ac	\$0.51
E528E	Improved grazing management for enhanced plant structure and composition for wildlife	Improved grazing management for enhanced plant structure and composition for wildlife	Ac	\$3.28
E528F	Stockpiling cool season forage to improve structure and composition or plant productivity and health	Stockpiling cool season forage to improve structure and composition or plant productivity and health	Ac	\$23.55
E528G	Improved grazing management on pasture for plant productivity and health with monitoring activities	Improved grazing management on pasture for plant productivity and health with monitoring activities	Ac	\$9.68
E528I	Grazing management that protects sensitive areas -surface or ground water from nutrients	Grazing management that protects sensitive areas -surface or ground water from nutrients	Ac	\$1.69
E528J	Prescribed grazing on pastureland that improves riparian and watershed function	Prescribed grazing on pastureland that improves riparian and watershed function	Ac	\$15.23
E528K	Improved grazing management for soil compaction on pasture through monitoring activities	Improved grazing management for soil compaction on pasture through monitoring activities	Ac	\$7.42
E528L	Prescribed grazing that improves or maintains riparian and watershed function-erosion	Prescribed grazing that improves or maintains riparian and watershed function-erosion	Ac	\$9.75
E528M	Grazing management that protects sensitive areas from gully erosion	Grazing management that protects sensitive areas from gully erosion	Ac	\$1.55
E528O	Clipping mature forages to set back vegetative growth for improved forage quality	Clipping mature forages to set back vegetative growth for improved forage quality	Ac	\$34.32
E528P	Implementing Bale or Swath Grazing to increase organic matter and reduce nutrients in surface water	Implementing bale or swath grazing to increase organic matter or reduce nutrients in surface water	Ac	\$131.43
E528R	Management Intensive Rotational Grazing	Management Intensive Rotational Grazing	Ac	\$34.47
E533A	Advanced Pumping Plant Automation	Advanced Pumping Plant Automation	No	\$5,169.19
E533B	Complete pumping plant evaluation for energy savings	Complete pumping plant evaluation for energy savings	Ac	\$5.28
E590A	Improving nutrient uptake efficiency and reducing risk of nutrient losses	Improving nutrient uptake efficiency and reducing risk of nutrient losses	Ac	\$26.51
E590B	Reduce risks of nutrient loss to surface water by utilizing precision agriculture technologies	Reduce risks of nutrient loss to surface water by utilizing precision agriculture technologies	Ac	\$14.06
E590C	Improving nutrient uptake efficiency and reducing risk of nutrient losses on pasture	Improving nutrient uptake efficiency and reducing risk of nutrient losses on pasture	Ac	\$16.55
E590C	Improving nutrient uptake efficiency and reducing risk of nutrient losses on pasture	SU-Improving nutrient uptake efficiency and reducing risk of nutrient losses on pasture	Ac	\$24.83

Code	Practice	Component	Units	Unit Cost
E595A	Reduce risk of pesticides in surface water by utilizing precision pesticide application techniques	Reduce risk of pesticides in surface water by utilizing precision pesticide application techniques	Ac	\$10.28
E595B	Reduce risk of pesticides in water and air by utilizing IPM PAMS techniques	Reduce risk of pesticides in water and air by utilizing IPM PAMS techniques	Ac	\$6.17
E595E	Eliminate use of chemical treatments to control pests and to increase the presence of dung beetles	Eliminate use of chemical treatments to control pests and to increase the presence of dung beetles	Ac	\$5.57
E595E	Eliminate use of chemical treatments to control pests and to increase the presence of dung beetles	SU-Eliminate use of chemical treatments to control pests and to increase the presence of dung beetles	Ac	\$8.36
E612A	Cropland conversion to trees or shrubs for long term improvement of water quality	Cropland conversion to trees or shrubs for long term improvement of water quality	Ac	\$233.10
E612B	Planting for high carbon sequestration rate	Planting for high carbon sequestration rate	Ac	\$1,212.90
E612C	Establishing tree/shrub species to restore native plant communities	Establishing tree/shrub species to restore native plant communities	Ac	\$925.25
E612D	Adding food-producing trees and shrubs to existing plantings	Adding food-producing trees and shrubs to existing plantings	Ac	\$193.47
E612E	Cultural plantings	Cultural plantings	Ac	\$1,771.01
E612G	Tree/shrub planting for wildlife food	Tree/shrub planting for wildlife food	Ac	\$1,785.85
E643A	Restoration of sensitive coastal vegetative communities	Restoration of sensitive coastal vegetative communities	No	\$121.32
E643B	Restoration and management of rare or declining habitat	Restoration and management of rare or declining habitat	Ft	\$7.53
E643C	Restore glade habitat to benefit threatened and endangered species and state species of concern	Restore glade habitat to benefit threatened and endangered species and state species of concern	Ac	\$1,140.42
E645B	Manage existing shrub thickets to provide adequate shelter for wildlife	Manage existing shrub thickets to provide adequate shelter for wildlife	Ac	\$284.27
E645C	Edge feathering for wildlife cover	Edge feathering for wildlife cover	Ac	\$774.95
E647C	Maintain most soil vegetation on cropland edges to enhance waterfowl and shorebird habitat	Maintain most soil vegetation on cropland edges to enhance waterfowl and shorebird habitat	Ac	\$10.89
E647D	Establish and maintain early successional habitat in ditches and bank borders	Establish and maintain early successional habitat in ditches and bank borders	Ac	\$10.89
E666A	Maintaining and improving forest soil quality	Maintaining and improving forest soil quality	Ac	\$38.75
E666B	Converting loblolly and slash pine plantations to longleaf pine	Converting loblolly and slash pine plantations to longleaf pine	Ac	\$151.12
E666C	Implementing sustainable practices for pine straw raking	Implementing sustainable practices for pine straw raking	Ac	\$226.56
E666D	Forest management to enhance understory vegetation	Forest management to enhance understory vegetation	Ac	\$248.71
E666E	Reduce height of the forest understory to limit wildfire risk	Reduce height of the forest understory to limit wildfire risk	Ac	\$248.71

Code	Practice	Component	Units	Unit Cost
E666F	Reduce forest stand density to create open stand structure	Reduce forest stand density to create open stand structure	Ac	\$285.21
E666G	Reduce forest density and manage understory along roads to limit wildfire risk and improve habitat	Reduce forest density and manage understory along roads to limit wildfire risk and improve habitat	Ac	\$287.48
E666H	Increase on-site carbon storage	Increase on-site carbon storage	Ac	\$12.38
E666I	Crop tree management for mast production	Crop tree management for mast production	Ac	\$361.64
E666J	Facilitating oak forest regeneration	Facilitating oak forest regeneration	Ac	\$524.27
E666K	Creating structural diversity with patch openings	Creating structural diversity with patch openings	Ac	\$503.95
E666L	Forest Stand Improvement to rehabilitate degraded hardwood stands	Forest Stand Improvement to rehabilitate degraded hardwood stands	Ac	\$515.86
E666O	Snags, den trees, and coarse woody debris for wildlife habitat	Snags, den trees, and coarse woody debris for wildlife habitat	Ac	\$52.78
E666P	Summer roosting habitat for native forest-dwelling bat species	Summer roosting habitat for native forest-dwelling bat species	Ac	\$206.15
E666Q	Increase diversity in pine plantation monocultures	Increase diversity in pine plantation monocultures	Ac	\$503.95
E666R	Forest songbird habitat maintenance	Forest songbird habitat maintenance	Ac	\$180.36
E666S	Facilitating longleaf pine establishment	Facilitating longleaf pine regeneration and establishment	Ac	\$208.08